Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 27 Feb 2023 until 23:59 on Tuesday 28 Feb 2023

Forecast Issued on Monday 27 Feb 2023 at 02:41

Confidence: High for relatively settled weather, medium for cloud and any shower details.

Headline for Monday 27 Feb 2023: Mainly cloudy, patchy summit fog, perhaps the odd very light shower or snow flurry. Fresh northeasterly breeze on the tops.

Mountain weather hazards on Monday 27 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
10%	10%	10%	10%	20%	10%

Forecast for Monday 27 Feb 2023

Weather: Mostly cloudy, with just a few bright or sunny intervals. Generally dry but with the ongoing chance of one or two brief light showers which would bring snow flurries above 600m.

Chance of cloud-free hill tops above 800m: 70%

Low cloud and visibility: Cloud may occasionally dip on to the summits above 800m. Away from the cloud visibility will remain good, with the showers not heavy enough to reduce this.

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Mountain Weather Forecast

Forecast for Monday 27 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/25 NE	22/26 NE	16/21 NE	15/19 NE	17/21 NE	20/25 NE	15/20 NE
600	15/19 NE	13/16 NE	13/18 NE	14/18 NE	14/20 NE	16/23 NE	13/19 NE
300	9/18 NE	6/14 NE	6/15 NE	6/14 NE	5/15 NE	5/16 NE	6/16 NE
Valley	11/20 NE	9/16 NE	7/15 NE	7/14 NE	6/16 NE	7/16 NE	9/17 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-9	-2/-10	-1/-7	0/-6	-0/-6	-1/-7	-1/-7
600	-0/-6	0/-5	2/-3	3/-2	2/-3	1/-4	1/-4
300	2/-2	3/0	5/2	6/3	4/2	3/1	3/-0
Valley	4/-0	5/2	7/5	8/6	6/4	6/3	5/2
Freezing Level*	500m	600m	700m	800m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the low feels like temperatures at height.

Forecast for Tuesday 28 Feb 2023

Weather: Another rather cloudy day with the chance of a light shower or snow flurry.

Maximum wind: Northeast 20 gusts 30mph

Chance of cloud-free hill tops above 800m: 70%

Low cloud and visibility: Cloud occasionally down to 800m with mainly good visibility underneath, just some slight haziness near showers.

Temperature: **Valleys:** Plus 4 rising to Plus 7 Celsius.
At 800m: 0 Celsius.
Freezing level: 700m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 26 February Location: Helvellyn summit at 12:27 Temperature: minus 1.5C Maximum wind speed 17.3mph Wind chill: minus 9.3C Average wind speed: 13.6mph.
Full report: Another cold and generally clear day with good visibility and moderate winds over high and exposed ground. Despite a few light snow showers yesterday, the Lakeland fells remain almost entirely snow-free. There are a few old patches of snow clinging on around corrie rims on Helvellyn and the surrounding fells. These are generally on steep north and east-facing slopes above 900m and are not in places where walkers are likely to venture. A colder north and easterly airflow has been dominating in the last few days and is forecast to remain that way in the coming days. It is below freezing point on many of the higher tops and the windchill (feels-like) temperature is well into minus figures. The ground is partially frozen above roughly 700m and there is also a coating of rime ice over many rocky surfaces and some verglas (black ice) in places. Similar conditions are expected tomorrow with very little precipitation in the forecast. Although unlikely, it is possible that more snow will fall overnight and anyone heading out tomorrow should be prepared for this. Full winter clothing (warm and waterproof) including hats and gloves, a map, compass, and headtorch are all essential.
Issued at: 02:41 on Mon 27 Feb 2023

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